$$2^{\ell} \text{ choices } \square \subseteq \square \subseteq \underset{\text{frame}}{\overset{\text{simple}}{\blacksquare}} \subseteq \square \overset{\ddagger}{K}^{\square} \text{ pos : } |\blacksquare| = \ell$$

$$0 = \underline{} \underline{K}^{\mathbb{C}} = \underline{K}^{\mathbb{C}} = \frac{}{} \underline{} \underline{K}^{\mathbb{C}} = \frac{}{} \underline{K}^{\mathbb{C}} = \underline{K}^{\mathbb{C}}$$
subtorus

$$\underline{K}^{\mathbb{C}} = \underline{K}^{\mathbb{C}} \times \underline{K}^{\mathbb{C}}$$

$$\bar{\underline{K}}^{\mathbb{C}} = \frac{\bar{\underline{K}}^{\mathbb{C}} - \bar{\underline{K}}^{\mathbb{C}}}{\bar{\underline{K}}^{\mathbb{C}}} = \bar{\underline{K}}^{\mathbb{C}} \times \bar{\underline{K}}^{\mathbb{C}}$$

$${}^{\P}_{:}{}^{\mathsf{T}_{:}\mathbb{C}} = {}^{\P}_{:}{}^{\mathsf{X}_{:}\mathbb{C}}$$

$$\begin{array}{ccc}
\mathbb{R}_{\mathbf{L}}^{\mathbb{R}} \bar{K}^{\mathbb{C}} &= \mathbb{I}_{\mathbf{L}}^{\mathbb{R}} \mathbf{X}_{\mathbf{L}}^{\mathbb{I}} \bar{K}^{\mathbb{C}} &= \mathbb{I}_{\mathbf{L}}^{\mathbb{R}} \mathbf{X}_{\mathbf{L}}^{\mathbb{R}} \mathbf{X}^{\mathbb{C}} \\
&= \mathbb{I}_{\mathbf{L}}^{\mathbb{R}} \mathbf{X}_{\mathbf{L}}^{\mathbb{R}} \mathbf{X}_{\mathbf{L}}^{\mathbb{R}} \mathbf{X}_{\mathbf{L}}^{\mathbb{R}}
\end{array}$$

$${}^{\mathbb{R}}_{\Box} \underline{\check{K}}^{\mathbb{C}} = \frac{{}^{\mathbb{R}}_{\Box} \underline{\check{K}}^{\mathbb{C}}}{{}^{\ddagger}_{\underline{K}}^{\mathbb{C}}} = {}^{\mathbb{R}}_{\Box} \underline{\check{K}}^{\mathbb{C}} \times {}^{\mathbb{R}}_{\Box} \underline{\check{K}}^{\mathbb{C}}$$

$$\underline{K}^{\mathbb{C}} = \underline{K}^{\mathbb{C}} \times \underline{K}^{\mathbb{C}} = \underbrace{\bar{K}^{\mathbb{C}}}_{\underline{K}^{\mathbb{C}}} \times \underline{K}^{\mathbb{C}} \times \underline{K}^{\mathbb{C}}$$

$$= \underline{K}^{\mathbb{C}} \times \underline{K}^{\mathbb{C}} \times \underline{K}^{\mathbb{C}} \times \underline{K}^{\mathbb{C}}$$

$$\mathbf{K}^{\mathbb{C}} = \frac{\mathbf{K}^{\mathbb{C}}_{\mathbb{C}}^{\mathbb{C}} - \mathbf{K}^{\mathbb{C}}}{< \mathbf{S} > \not\ni \mathbf{1} \in \mathbf{K}^{\mathbb{C}}_{\mathbb{C}}^{\mathbb{C}}} = \mathbf{K}^{\mathbb{C}} \times \mathbf{K}^{\mathbb{C}}$$

$$\P_{\underline{K}^{\mathbb{C}}} = \P_{\underline{K}^{\mathbb{C}}}^{\mathbb{T}^{\mathbb{C}}} \times \P_{\underline{K}^{\mathbb{C}}}^{\mathbb{K}^{\mathbb{C}}}$$

$$= \P_{\underline{K}^{\mathbb{C}}}^{\mathbb{X}^{\mathbb{C}}} \times \P_{\underline{K}^{\mathbb{C}}}^{\mathbb{K}^{\mathbb{C}}}$$

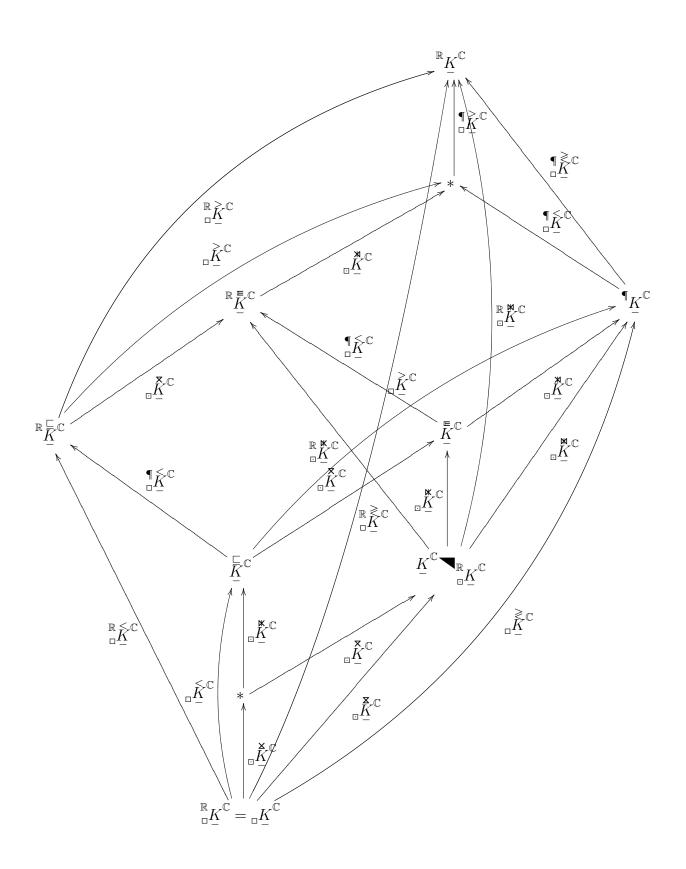
$$\P_{\square}^{\mathbf{M}^{\mathbb{C}}} = \frac{ \P_{\underline{K}^{\mathbb{C}}}^{\mathbf{L}^{\mathbb{C}}} = \P_{\underline{K}^{\mathbb{C}}}^{\mathbf{L}^{\mathbb{C}}} }{< \square > \not\ni \mathbf{1} \in \P_{\underline{K}^{\mathbb{C}}}^{\mathbb{R}^{\underline{L}^{\mathbb{C}}}} = \P_{\square}^{\mathbf{M}^{\mathbb{C}}} \times \P_{\underline{K}^{\mathbb{C}}}^{\mathbf{M}^{\mathbb{C}}}$$

$$\mathbb{R}_{\underline{K}^{\mathbb{C}}} = \mathbb{R}_{\underline{K}^{\mathbb{C}}}^{\underline{\mathsf{T}}^{\mathbb{C}}} \times \underbrace{\mathbb{R}_{\underline{K}^{\mathbb{C}}}^{\underline{\mathsf{R}}^{\mathbb{C}}}}_{\mathbb{R}_{\underline{K}^{\mathbb{C}}}^{\underline{\mathsf{R}}^{\mathbb{C}}}} = \mathbb{R}_{\underline{K}^{\mathbb{C}}}^{\underline{\mathsf{R}}^{\mathbb{C}}} \times \mathbb{R}_{\underline{K}^{\mathbb{C}}^{\mathbb{C}}}^{\underline{\mathsf{R}}^{\mathbb{C}}} \times \mathbb{R}_{\underline{K}^{\mathbb{C}}}^{\mathbb{C}} \times \mathbb{R}_{\underline{K$$

$${}^{\mathbb{R}}_{\Box}\overset{\mathbb{K}^{\mathbb{C}}}{\underline{K}^{\mathbb{C}}} = \frac{{}^{\mathbb{R}}\overset{\mathbf{1}^{\mathbb{C}}}{\underline{K}^{\mathbb{C}}}}{<\square>\not\ni \mathbf{1}} \in {}^{\mathbb{R}}\overset{\mathbf{1}^{\mathbb{C}}}{\underline{K}^{\mathbb{C}}} = {}^{\mathbb{R}}\overset{\mathbf{K}}{\underline{K}^{\mathbb{C}}} \times {}^{\mathbb{R}}\overset{\mathbf{K}}{\underline{K}^{\mathbb{C}}}$$

$${}_{\square}\overset{\mathbf{X}}{\underline{K}}{}^{\mathbb{C}}\mathbf{X}{}_{\square}\overset{\mathbb{R}}{\underline{K}}{}^{\mathbb{C}}={}_{\square}\overset{\mathbb{R}}{\underline{K}}{}^{\mathbb{C}}\colon\quad {}_{\square}\overset{\mathbf{X}}{\underline{K}}{}^{\mathbb{C}}\mathbf{X}{}_{\square}\overset{\mathbb{R}}{\underline{K}}{}^{\mathbb{C}}={}_{\square}\overset{\mathbb{R}}{\underline{K}}{}^{\mathbb{C}}$$

$${}^{\mathbb{R}}K^{\mathbb{C}} \supset \begin{cases} {}^{\mathbb{R}}\bar{K}^{\mathbb{C}} \\ {}^{\mathbb{R}}\bar{K}^{\mathbb{C}} \\ {}^{\mathbb{R}}\bar{K}^{\mathbb{C}} \end{cases} = \begin{cases} {}^{\mathbb{R}}\bar{K}^{\mathbb{C}} \\ {}^{\mathbb{R}}\bar{K}^{\mathbb{C}} \\ {}^{\mathbb{R}}\bar{K}^{\mathbb{C}} \end{cases}$$



$$\mathbb{R}_{\square} \overset{\mathbb{R}}{\check{K}}^{\mathbb{C}} = \frac{\mathbb{R}_{-1}^{\mathbb{K}}^{\mathbb{C}}}{<\square>\not\ni 1 \in \mathbb{I}_{\square}} \text{ nilp rad}$$

$$\mathbb{R}_{\square} \overset{\mathbb{R}}{\check{K}}^{\mathbb{C}} = \mathbb{R}_{\mathbb{K}} \overset{\mathbb{R}}{\to} \mathbb{K}^{\mathbb{C}}$$

$$\mathbb{R}_{\mathbb{K}}^{\mathbb{C}} = \mathbb{R}_{\mathbb{K}} \times \mathbb{R}_{\mathbb{K}}^{\mathbb{C}} = \mathbb{R}_{\mathbb{K}} \times \mathbb{R}_{\mathbb{K}}^{\mathbb{R}} \times \mathbb{R}_$$